



# **COMMONWEALTH of VIRGINIA**

## **Department of Health DIVISION OF SHELLFISH SANITATION**

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### **CHESAPEAKE BAY: MILL CREEK TO DIVIDING CREEK Growing Area # 014 Northumberland County Shoreline Sanitary Survey**

**Date:** 30 April 2007

**Survey Period:** August 15 – March 1, 2007

**Total Number of Properties Surveyed:** 281

**Surveyed By:** D.B. Geeson

#### **SECTION A: GENERAL**

This survey area extends from Reference Point 14 off State Route 609 (extended to the shoreline above Towles Creek) to Reference Point 15 at Hughlett Point, including the Ingram Bay and Chesapeake Bay shoreline between these two points, Towles Creek, Harveys Creek, Mill Creek, Cloverdale Creek, Ball Creek, Salt Pond, Ingram Cove and all of their tributaries. The survey boundary has been revised. See map for current survey boundary.

The topography of the area is generally characterized by marshes along the Chesapeake Bay shoreline and lowlands extending one to two miles inland where elevations rise to a maximum of 90' at the outer western edge of the survey boundary. The population density is mostly sparse with moderate concentrations around Towles Creek, Harveys Creek, Mill Creek and the Ingram Bay shoreline. The economy is based mainly on agriculture, recreation and the seafood industry.

Meteorological data indicated that the area received a total rainfall of 34.82" for the survey period. On September 1, 2006, 8.81" of rainfall was deposited in this survey area due to Tropical Storm Ernesto. A monthly breakdown of this rainfall is as follows:

August 15-31, 2006	2.38"	December	2.03"
September	12.4"	January, 2007	4.02"
October	5.8"	February	2.08"
November	6.11"	March 1	0.0"

This report lists only those properties which have a sanitary deficiency or have other environmental significance. **"DIRECT"** indicates that the significant activity or deficiency has a direct impact on the shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

## **SECTION B: SEWAGE POLLUTION SOURCES**

### **SEWAGE TREATMENT FACILITIES**

-None-

### **ON-SITE SEWAGE DEFICIENCIES**

6. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** - Location: 1402 Remo Road, Heathsville 22473. Dwelling – 1 story brown T-1-11 siding. No contact. Laundry and sink wastewater appear to exit basement through a 3" PVC pipe onto ground surface at 80' elevation above drainage basin leading to Mill Creek. Sanitary Notice issued 1/5/07 to field #206.

### **POTENTIAL POLLUTION**

-None-

## **SECTION C: NON-SEWAGE WASTE SITES**

### **INDUSTRIAL WASTES**

8. ***DIRECT*** – Location: 403 Cloverdale Road, Kilmarnock 22482. Dwelling – 2 story white frame. Located on premises were 2 x 700 gallon gasoline tanks, 1 x 350 gallon diesel tank and 1 x 500 gallon liquid fertilizer tank with no berms and 30' from Mill Creek at 10' elevation. Fuel and fertilizer are for agricultural purposes on premises.

### **SOLID WASTE DUMPSITES**

-None-

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

2. Ingram Bay Marina, 545 Harveys Neck Road, Heathville 22473. Owner: William Pipkin, PO Box 270, Heathville. Services provided are 50 slips/8 dry storage spaces, ramp, fuel, water, electricity, restrooms, dump station, pump-out facilities and solid waste containers. Sewage disposal is by septic tank with drainfield which appeared to be in satisfactory condition at time of survey.

### **OTHER PLACES WHERE BOATS ARE MOORED**

3. Towles Landing Boating Association, northern end of Ingram Bay Drive, Heathsville 22473. c/o Ortho Riley, Jr., 200 Ingram Bay Drive, Heathville. The only boating services provided at this facility are 3 slips. There is no sewage disposal system in place.

4. Towles Landing Subdivision, southern end of Ingram Bay Road, Heathsville 22473. c/o Ortho Riley, Jr., 200 Ingram Bay Drive, Heathville. The only boating service provided at this facility are 18 slips. There is no sewage disposal system in place.

#### **UNDER SURVEILLANCE**

1. Chesapeake Harbor Property Owners Association, end of Skipjack Road, Heathville 22437. Services provided are 4 slips, a common picnic area and a commercial portable toilet. The portable toilet and waste removal is provided by Essential Systems of Kilmarnock, VA.

#### **SECTION E: CONTRIBUTES ANIMAL POLLUTION**

5. Location: 79 Peeble Road, Heathville 22473. Dwelling – 2 story white aluminum siding. Present at the time of the survey were 10 hogs in a fenced pasture. Manure is left on the ground.
7. ***DIRECT*** - Location: 189 Bloomfield Lane, Heathville 22473. Dwelling – Beige frame 1 story duplex. Present at time of survey were 6 horses. Manure is left on the ground upslope of a tributary leading to Mill Creek.

## SUMMARY

Area # 014

Chesapeake Bay: Mill Creek to Dividing Creek

30 April 2007

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT WORKS

0 – DIRECT – None

0 – INDIRECT – None

0 – B.1. TOTAL

#### 2. ON-SITE SEWAGE DEFICIENCIES

0 – CONTRIBUTES POLLUTION, DIRECT – None

0 – CONTRIBUTES POLLUTION, INDIRECT – None

1 – CP (Kitchen or Laundry Wastes), DIRECT – # 6

0 – CP (Kitchen or Laundry Wastes) – None

0 – NO FACILITIES, DIRECT – None

0 – NO FACILITIES, INDIRECT – None

1 – B.2. TOTAL

#### 3. POTENTIAL POLLUTION

0 – POTENTIAL POLLUTION – None

### SECTION C: NON-SEWAGE WASTE SITES

#### 1. INDUSTRIAL WASTE SITES

1 – DIRECT – # 8

0 – INDIRECT – None

1 – C.1. TOTAL

#### 2. SOLID WASTE SITES

0 – DIRECT – None

0 – INDIRECT – None

0 – C.2. TOTAL

### SECTION D: BOATING ACTIVITY

1 – MARINAS – # 2

2 – OTHER PLACES WHERE BOATS ARE MOORED – # 3, 4

1 – UNDER SURVEILLANCE – # 1

4 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

1 – DIRECT – # 7

1 – INDIRECT – # 5

2 – E. TOTAL



76°22'30"W

76°21'0"W

76°19'30"W

Virginia Department of Health  
Division of Shellfish Sanitation

Chesapeake Bay: Mill Creek  
to Dividing Creek  
# 014  
Shoreline Sanitary Survey

Northumberland County

Date: 30 April 2007  
Survey By: D.R. Geeson  
Number of Properties Surveyed: 281

37°48'0"N

37°46'30"N

37°45'0"N

37°48'0"N

37°46'30"N

37°45'0"N

Geographic coordinates in NAD83 datum;  
shown in degrees, minutes & seconds.

0 300 600 1,200  
Yards



Legend

Seawater Sampling Stations

Active

Inactive

Sewered areas

DGIF Boat Ramps

Shoreline Survey Deficiencies

Sewage Treatment Facility - Direct

Sewage Treatment Facility - Indirect

Contributes Pollution - Direct

Contributes Pollution - Indirect

Contributes Pollution (Kitchen or Laundry wastes) - Direct

Contributes Pollution (Kitchen or Laundry wastes) - Indirect

No Facilities - Direct

No Facilities - Indirect

Potential Pollution

Industrial Wastes, Direct

Industrial Wastes, Indirect

Solid Waste Dumpsite - Direct

Solid Waste Dumpsite - Indirect

Boating Activity

Contributes Animal Pollution - Direct

Contributes Animal Pollution - Indirect

VDH VIRGINIA DEPARTMENT OF HEALTH  
Protecting You and Your Environment  
www.vdh.virginia.gov/shellfish